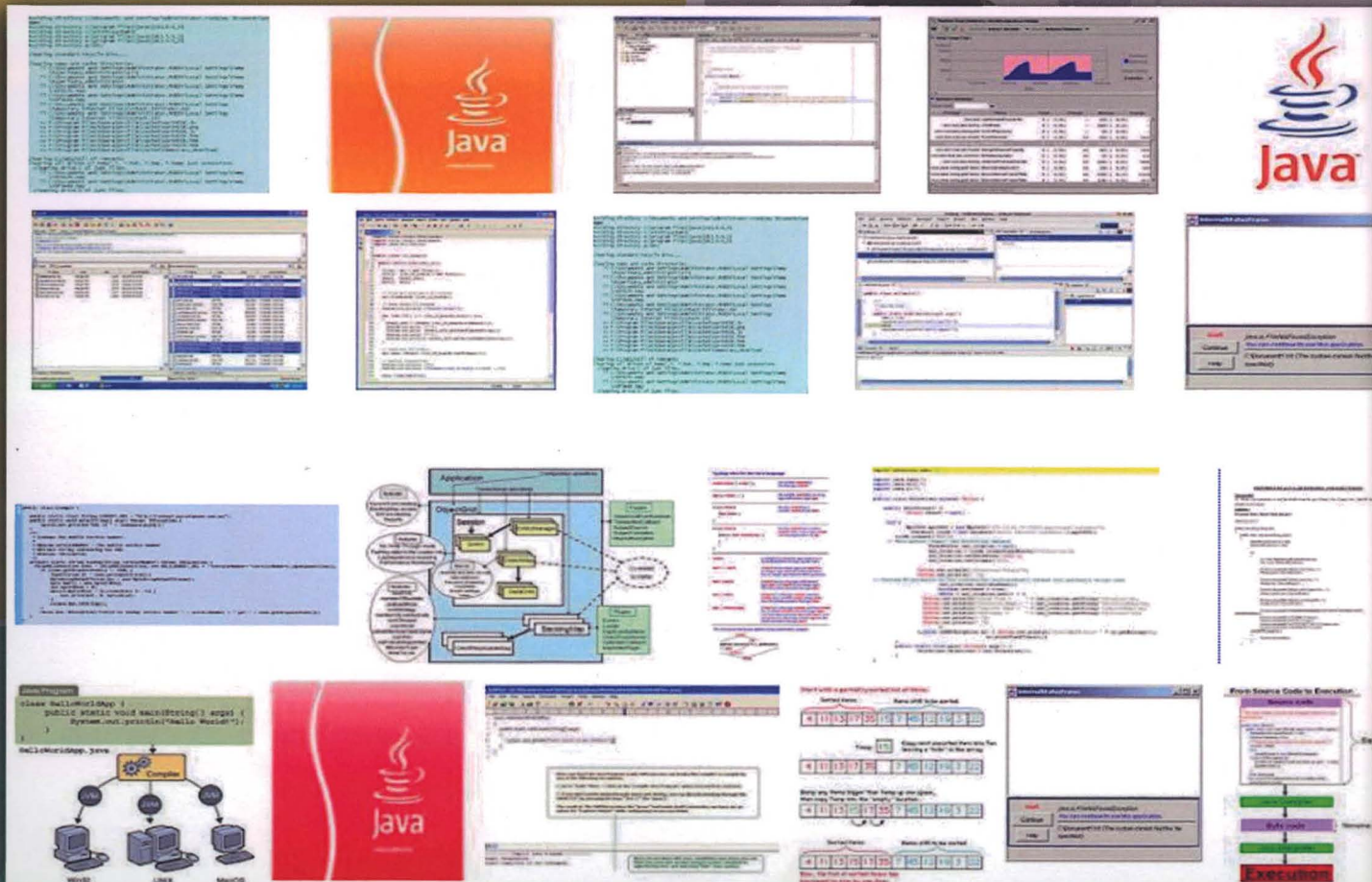


Java Programming Lab Manual

Asadullah Shah

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JAVA PROGRAMMING LAB MANUAL

Editors

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Chapter 25

Working with Classes

Dil Nawaz Hakro, Zeeshan Bhatti, Asadullah Shah

Abstract

Classes and objects are the key fundamentals of Java programming, their use and understanding is absolutely essential for a programmer. In this chapter, students will be demonstrated how Java classes and objects are created and used through various examples and exercises.

25.1 Class and object Examples

Let us consider various real life examples of using classes and objects to make a better understanding of how they can be used using Java. Following are various solved tasks for the students, try to solve them by yourself first and then check the solution and compare your code with solution. Remember there are always numerous ways to solve a problem in programming, so your code might be different but the answer can be same.

NOTE: Class variables are also sometimes referred to as an Instance Variables.

Task 1: Create a public class Conv with a public void method which takes in a string argument. Declare and initialize a string variable using the new string command inside the main method. Initialize another string variable inside the method and perform concatenation on these two string variables. Print the final value after concatenation in the main method by calling the method using the object of the class.

Solution:

```
public class Conv{
    public static void main(String argv[]){
        Conv c=new Conv();
        String s=new String("hello");
```